

TROPICAL DEPRESSION 28W

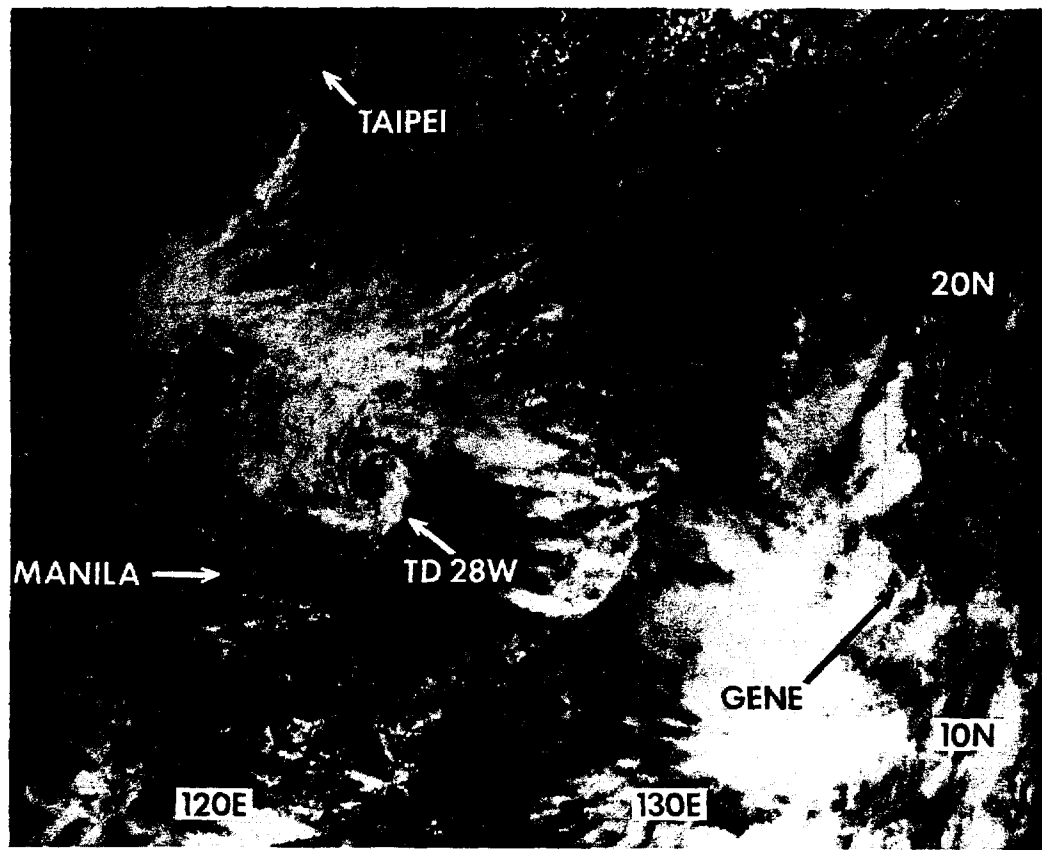


Figure 3-28-1 The exposed low-level circulation center of TD 28W is visible to the east of Luzon. Most of the deep convection associated with the depression subsided after crossing Luzon 12 hours earlier (080424Z October visual DMSP imagery).

I. HIGHLIGHTS

Caught in strong monsoonal flow, Tropical Depression 28W (TD 28W) initially moved northeastward toward Luzon, in the wake of Super Typhoon Ed (25W) and Typhoon Flo (26W). Persistent, yet weak, TD 28W remained at tropical depression intensity while crossing Luzon and moving into the Philippine Sea where it dissipated 24 hours later (Figure 3-28-1). After the remnants of TD 28W turned northwestward on 10 October, the tropical cyclone regenerated. TD 28W made landfall just to the west of Hong Kong and dissipated in southern China.

II. CHRONOLOGY OF EVENTS

October

060600Z - An area of persistent convection within the monsoon trough, near the Vietnam coastline, resulted in the first discussion of the disturbance in the Significant Tropical Weather Advisory.

062000Z - A Tropical Cyclone Formation Alert (TCFA) was issued based on an increase in convection near the circulation center.

070600Z - The first warning was issued on TD 28W based upon a satellite intensity estimate of 25 kt (13 m/sec).

090000Z - The first final warning was issued as the system dissipated over water, leaving behind a diffuse, low-level circulation center.

120200Z - A second TCFA was issued following flare-ups of intermittent deep convection over the low level circulation center.

120600Z - Warnings were reissued as convective organization improved while the system tracked toward Hong Kong.

131200Z - The final warning of the regenerated system was issued as the system quickly dissipated after passing over land in the vicinity of Hong Kong.

III. IMPACT

None.